

REMARKS

Claims 1-20 were pending in the application. By this paper, claims 1, 2, 10 and 12 have been amended and claims 3, 8 and 11 have been canceled. No claims have been added. Therefore, claims 1, 2, 4-7, 9-10 and 12-20 are now pending in the application. Reconsideration of the application is requested for at least the reasons that follow.

Rejections

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by EP 1 071 158 (“Mariotti”). Reconsideration and withdrawal of the rejection are respectfully requested for at least the following reasons.

Mariotti fails to teach or suggest “wherein the steps of disposing the coil, connecting the ends of the coil to the first and second pins and the step of disposing the first and second pins in the first and second connection structure, are *all carried out in the absence of over molding of any part of the coil* once disposed on the molded body” as required by amended claim 1. The Office Action contends that Figure 2A discloses that the steps are all carried out in the absence of overmolding. *See* Office Action at p. 2, line 21 to p. 3, line 2. On the contrary, Mariotti clearly discloses in Figure 2C that the coil is overmolded after the wire 40 forms the coil antenna and the electrical connections are complete. *See* Mariotti at ¶ [0007] and Fig. 2C. Specifically, Mariotti discloses that plastic “is molded over the base 43, base 32 and the pins 34 and 36.” Base 32 is the base around which the coil 40 is wound and Figure 2C clearly shows that the wire 40 and base 32 are overmolded with plastic. Therefore, reconsideration and withdrawal of the rejection of claim 1 are respectfully requested.

Claims 2, 4-7 and 9 depend from claim 1 and are allowable therewith, for at least the reasons set forth above, without regard to the further patentable subject matter set forth in these dependent claims.

Independent claims 10, 15 and 17 contain similar patentable recitations. For example, claim 10 calls for the following:

wherein the steps of connecting the first end of the antenna coil to the first pin; connecting the second end of the antenna coil to the second pin, disposing the first pin in the predetermined connection position and the step of disposing the second pin in the second predetermined connection position are carried out in the absence of a molding process wherein the antenna coil is over molded,

which is not shown or suggested by Mariotti. Further, claim 15 requires that after “disposing the antenna coil on the first component,” the following is required *without over molding the coil*: “disposing a PCB on one of the first and second components; connecting first and second ends of the coil to the PCB to establish first and second electrical connections between the coil and the PCB; and coupling the first and second components together to enclose the non-over molded coil,” which Mariotti does not teach or suggest. Additionally, Mariotti does not teach or suggest “a non-over molded antenna coil which is disposed on one of the first and second molded components” as required by claim 17.

Claims 12-14, 16 and 18-20 depend from claims 10, 15 or 17 and are allowable therewith, for at least the reasons set forth above, without regard to the further patentable subject matter set forth in these dependent claims.

Conclusion

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application, as amended, is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of

papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R.
§1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 3, 2006

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